

> dis his

(FILE 'HOME' ENTERED AT 15:06:13 ON 27 JUL 2003)

FILE 'REGISTRY' ENTERED AT 15:06:21 ON 27 JUL 2003

L1 STRUCTURE UPLOADED  
L2 3 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 15:07:19 ON 27 JUL 2003

SET TERMSET E#  
DEL SEL Y  
SEL L2 1 RN  
L3 1 S E1/RN  
SET TERMSET LOGIN

FILE 'USPATFULL' ENTERED AT 15:07:24 ON 27 JUL 2003

L4 1 S L3

FILE 'REGISTRY' ENTERED AT 15:08:11 ON 27 JUL 2003

SET TERMSET E#  
DEL SEL Y  
SEL L2 1 RN  
L5 1 S E1/RN  
SET TERMSET LOGIN

FILE 'CAPLUS' ENTERED AT 15:08:16 ON 27 JUL 2003

L6 1 S L5

FILE 'REGISTRY' ENTERED AT 15:09:09 ON 27 JUL 2003

SET TERMSET E#  
DEL SEL Y  
SEL L2 1 RN  
L7 1 S E1/RN  
SET TERMSET LOGIN

FILE 'TOXCENTER' ENTERED AT 15:09:14 ON 27 JUL 2003

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:10:13 ON 27 JUL 2003

SET TERMSET E#  
DEL SEL Y  
SEL L2 3 RN  
L9 1 S E1/RN  
SET TERMSET LOGIN

FILE 'CAPLUS' ENTERED AT 15:10:18 ON 27 JUL 2003

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:10:32 ON 27 JUL 2003

FILE 'CAPLUS' ENTERED AT 15:10:32 ON 27 JUL 2003

FILE 'REGISTRY' ENTERED AT 15:10:43 ON 27 JUL 2003

SET TERMSET E#  
DEL SEL Y  
SEL L9 1 RN  
L11 1 S E1/RN  
SET TERMSET LOGIN

FILE 'CAPLUS' ENTERED AT 15:10:49 ON 27 JUL 2003

L12 1 S L11

FILE 'REGISTRY' ENTERED AT 15:14:48 ON 27 JUL 2003

SET TERMSET E#

DEL SEL Y  
SEL L2 2 RN  
L13 1 S E1/RN  
SET TERMSET LOGIN

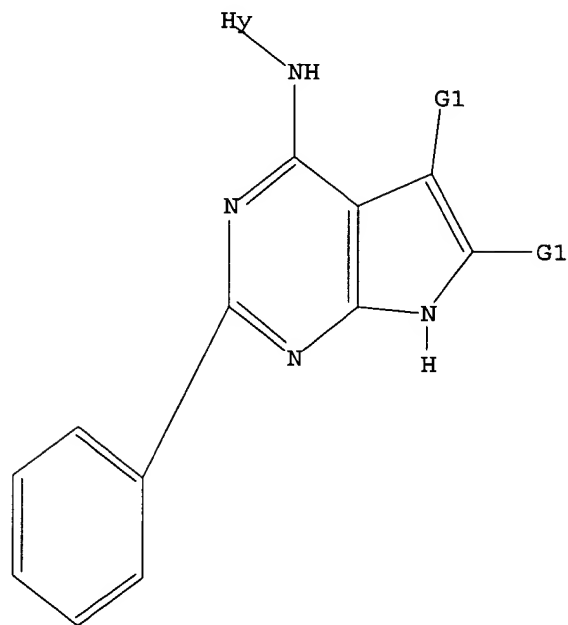
FILE 'USPATFULL' ENTERED AT 15:14:53 ON 27 JUL 2003  
L14 1 S L13

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



G1 H, Cy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss full

FULL SEARCH INITIATED 15:06:51 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 708 TO ITERATE

100.0% PROCESSED 708 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L2 3 SEA SSS FUL L1

=> d l2 1-3

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN

RN 443118-56-7 REGISTRY

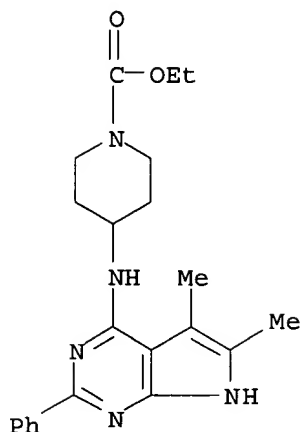
CN 1-Piperidinecarboxylic acid, 4-[(5,6-dimethyl-2-phenyl-1H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]-, ethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C22 H27 N5 O2

SR CA

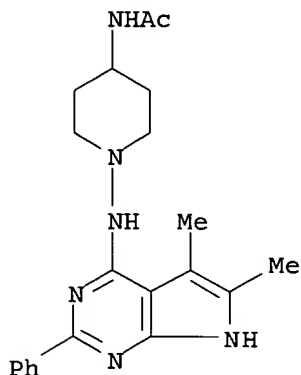
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1947 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 443118-46-5 REGISTRY  
CN Acetamide, N-[1-[(5,6-dimethyl-2-phenyl-1H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]-4-piperidinyloxy] - (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C21 H26 N6 O  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

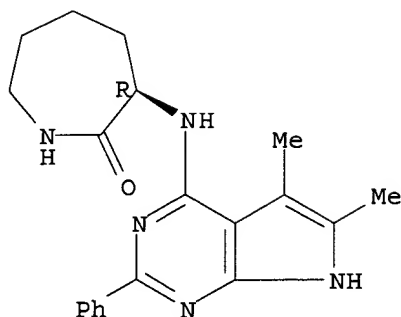


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1947 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 246855-43-6 REGISTRY  
CN 2H-Azepin-2-one, 3-[(5,6-dimethyl-2-phenyl-1H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]hexahydro-, (3R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H23 N5 O  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1947 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	153.59	153.80

FILE 'REGISTRY' ENTERED AT 15:07:19 ON 27 JUL 2003  
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STRUCTURE FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8  
DICTIONARY FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L2 1 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L3 1 443118-56-7/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL USPATFULL

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	154.28

FILE 'USPATFULL' ENTERED AT 15:07:24 ON 27 JUL 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 24 Jul 2003 (20030724/PD)  
FILE LAST UPDATED: 24 Jul 2003 (20030724/ED)  
HIGHEST GRANTED PATENT NUMBER: US6598233  
HIGHEST APPLICATION PUBLICATION NUMBER: US2003140390  
CA INDEXING IS CURRENT THROUGH 24 Jul 2003 (20030724/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 24 Jul 2003 (20030724/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2003  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2003

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<  
>>> USPATFULL. A USPATFULL record contains not only the original <<<  
>>> published document but also a list of any subsequent <<<  
>>> publications. The publication number, patent kind code, and <<<  
>>> publication date for all the US publications for an invention <<<  
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<  
>>> records and may be searched in standard search fields, e.g., /PN, <<<  
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
>>> enter this cluster. <<<  
>>> <<<  
>>> Use USPATALL when searching terms such as patent assignees, <<<  
>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> S L3

L4 1 L3

=> DIS L4 1 TI

L4 ANSWER 1 OF 1 USPATFULL on STN  
TI Compounds specific to adenosine A3 receptor and uses thereof

=> d l4 1 std, ab

L4 ANSWER 1 OF 1 USPATFULL on STN  
AN 2002:179184 USPATFULL  
TI Compounds specific to adenosine A3 receptor and uses thereof  
IN Castelhano, Arlindo L., New City, NY, UNITED STATES  
McKibben, Bryan, White Plains, NY, UNITED STATES  
Witter, David J., Putman Valley, NY, UNITED STATES

PI US 2002094974 A1 20020718  
AI US 2000-728616 A1 20001201 (9)  
PRAI US 1999-169036P 19991202 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4521

INCL INCLM: 514/210.210  
INCLS: 514/258.000; 544/280.000

NCL NCLM: 514/210.210  
NCLS: 514/258.000; 544/280.000

IC [7]  
ICM: A61K031-519  
ICS: C07D487-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention pertains to compounds which specifically inhibit the adenosine A.sub.3 receptor and the use of these compounds to treat a disease associated with A.sub.3 adenosine receptor in a subject, comprising administering to the subject a therapeutically effective amount of the compounds.

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.05	157.33

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STRUCTURE FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8  
DICTIONARY FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L2 1 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L5 1 443118-56-7/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.48

157.81

FILE 'CAPLUS' ENTERED AT 15:08:16 ON 27 JUL 2003

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FILE COVERS 1907 - 27 Jul 2003 VOL 139 ISS 5

FILE LAST UPDATED: 25 Jul 2003 (20030725/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L5

L6 1 L5

=> d L6 1 std, ab

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:540257 CAPLUS

DN 137:109288

TI Preparation of pyrrolo[2,3-d]pyrimidines as selective inhibitors of the adenosine A3 receptor

IN Castelhana, Arlindo L.; McKibben, Bryan; Witter, David J.

PA USA

SO U.S. Pat. Appl. Publ., 83 pp.

CODEN: USXXCO

DT Patent

LA English

IC ICM A61K031-519

ICS C07D487-04

NCL 514210210

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002094974	A1	20020718	US 2000-728616	20001201
	WO 2002057267	A1	20020725	WO 2001-US45280	20011130

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,



VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-169036P P 19991202  
 US 1999-169037P P 19991202  
 US 2000-728316 A 20001201  
 US 2000-728607 A 20001201  
 US 2000-728616 A 20001201

OS MARPAT 137:109288

AB Pyrrolopyrimidines I [R = 3-hydroxycyclopentylamino ethylamino  
 carbonylamino Pr, N,N-diethylamino carbonylamino Et, thioacetamido Et,  
 3-amino acetyloxy cyclopentyl, 3-hydroxycyclopentyl, 2-pyrrolyl carbonyl  
 aminoethyl, 2-imidazolinone Et, 1-aminocarbonyl-2-methylpropyl,  
 1-aminocarbonyl-2-Ph Et, 3-hydroxyazetidino, 2-imidazoleethyl,  
 acetamidoethyl, 1-(R)-phenyl-2-hydroxyethyl, N-methylaminocarbonyl  
 pyridyl-2-methyl; R1 = H; RR1N = 3-hydroxypyrrolidino, 3-methyloxy  
 carbonylmethyl pyrrolidino, 3-aminocarbonylmethyl pyrrolidino,  
 3-hydroxymethyl piperidino; R3, R4 = H, (un)substituted alkyl, aryl] are  
 prepared as selective inhibitors of adenosine receptors, particularly the  
 adenosine A3 receptor, for the treatment of diseases such as asthma,  
 diarrhea, chronic obstructive pulmonary disease, allergic rhinitis, or for  
 the treatment of eye damage caused either by disease or injury. Human  
 adenosine receptors are transformed into yeast; the modified yeast are  
 used to assay the invention compds. I for their adenosine receptor binding  
 and selectivities. E.g., 1-(1-phenylethyl)-2-amino-3-cyano-4,5-  
 dimethylpyrrole is acylated with PhCOCl to give the benzamide which  
 undergoes cyclocondensation with concentrated H2SO4 in MeOH to give a  
 pyrrolopyrimidinone; removal of the phenethyl group with polyphosphoric  
 acid and chlorination of the pyrrolopyrimidinone with POCl3 gives the  
 intermediate chloropyrrolopyrimidine II. E.g., addition of amines such as  
 trans-3-amino-1-cyclopentanol to II in DMSO gives aminopyrrolopyrimidines  
 such as III. III has a Ki for the adenosine A1 receptor of 29 nM and a Ki  
 for the adenosine A3 receptor of 3.1 nM while binding to the adenosine A2a  
 and A2b receptors with Ki values of 191 nM and 1143 nM, resp.  
 Formulations of these compds. are claimed (no data). Methods for the  
 preparation of I from the acylation of aminopyrroles with acyl chlorides  
 followed by cyclocondensation and deprotection, chlorination, and  
 substitution of the chlorine atom with an amine are claimed.

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.83	160.64
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

FILE 'REGISTRY' ENTERED AT 15:09:09 ON 27 JUL 2003  
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 provided by InfoChem.

STRUCTURE FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8  
 DICTIONARY FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L2 1 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L7 1 443118-56-7/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL TOXCENTER

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.48	161.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.65

FILE 'TOXCENTER' ENTERED AT 15:09:14 ON 27 JUL 2003  
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FILE COVERS 1907 TO 22 Jul 2003 (20030722/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

TOXCENTER has been enhanced with new files segments and search fields. See HELP CONTENT for more information.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2003 vocabulary. See <http://www.nlm.nih.gov/mesh/summ2003.html> for a description on changes.

=> S L7

L8 1 L7

=> d L8 1, std, ab  
'STD' IS NOT A VALID FORMAT FOR FILE 'TOXCENTER'

The following are valid formats:

The default display format is BIB.

ABS ---- AN, CP, AB  
ALL ---- AN, CP, DN, TI, CM, AU, CS, CSS, NC, ON,  
PI, SO, CY, DT, FS, OS, LA, SL, ED, DB, DE,  
AB, SC, CC, BC, CT, ST, CO, NA, GT, ORGN,  
RN, CN, GEN  
BIB ---- AN, CP, DN, TI, CM, AU, CS, CSS, NC, ON,  
PI, SO, CY, DT, FS, OS, LA, SL, ED, DB, DE  
CBIB --- AN, CP, DN, TI, CM, AU, CS, CSS, PI, SO,  
CY, LA, SL  
DALL --- Displays the same data as ALL.  
IABS --- AN, CP, AB  
IALL --- Displays the same data as ALL.  
IBIB --- Displays the same data as BIB.  
IND ---- AN, CP, SC, CC, BC, CT, ST, CO, NA, GT, ORGN,  
RN, CN, GEN  
SCAN --- TI, CM, CN  
HIT ---- Displays the entire field containing a hit term or terms.  
HITIND - Displays the same data as IND.  
KWIC --- Displays 20 words on either side of a hit term.  
OCC ---- Displays field name and number of occurrences where hit  
terms are found.

Hit terms will be highlighted in all displayable fields.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDSD' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO,ST'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):all

L8 ANSWER 1 OF 1 TOXCENTER COPYRIGHT 2003 ACS on STN  
AN 2002:172601 TOXCENTER  
CP Copyright 2003 ACS  
DN CA13708109288Y  
TI Preparation of pyrrolo[2,3-d]pyrimidines as selective inhibitors of the adenosine A3 receptor  
AU Castelhana, Arlindo L.; McKibben, Bryan; Witter, David J.  
PI US 2002094974 A1 18 Jul 2002  
SO (2002) U.S. Pat. Appl. Publ., 83 pp.  
CODEN: USXXCO.  
CY UNITED STATES  
DT Patent  
FS CAPLUS  
OS CAPLUS 2002:540257  
LA English  
ED Entered STN: 20020806  
Last Updated on STN: 20030624  
AB Pyrrolopyrimidines I [R = 3-hydroxycyclopentylamino ethylamino carbonylamino Pr, N,N-diethylamino carbonylamino Et, thioacetamido Et, 3-amino acetyloxy cyclopentyl, 3-hydroxycyclopentyl, 2-pyrrolyl carbonyl aminoethyl, 2-imidazolinone Et, 1-aminocarbonyl-2-methylpropyl, 1-aminocarbonyl-2-Ph Et, 3-hydroxyazetidino, 2-imidazoleethyl, acetamidoethyl, 1-(R)-phenyl-2-hydroxyethyl, N-methylaminocarbonyl pyridyl-2-methyl; R1 = H; RR1N = 3-hydroxypyrrolidino, 3-methyloxy carbonylmethyl pyrrolidino, 3-aminocarbonylmethyl pyrrolidino, 3-hydroxymethyl piperidino; R3, R4 = H, (un)substituted alkyl, aryl] are

prepared as selective inhibitors of adenosine receptors, particularly the adenosine A3 receptor, for the treatment of diseases such as asthma, diarrhea, chronic obstructive pulmonary disease, allergic rhinitis, or for the treatment of eye damage caused either by disease or injury. Human adenosine receptors are transformed into yeast; the modified yeast are used to assay the invention compds. I for their adenosine receptor binding and selectivities. E.g., 1-(1-phenylethyl)-2-amino-3-cyano-4,5-dimethylpyrrole is acylated with PhCOCl to give the benzamide which undergoes cyclocondensation with concentrated H2SO4 in MeOH to give a pyrrolopyrimidinone; removal of the phenethyl group with polyphosphoric acid and chlorination of the pyrrolopyrimidinone with POCl3 gives the intermediate chloropyrrolopyrimidine II. E.g., addition of amines such as trans-3-amino-1-cyclopentanol to II in DMSO gives aminopyrrolopyrimidines such as III. III has a Ki for the adenosine A1 receptor of 29 nM and a Ki for the adenosine A3 receptor of 3.1 nM while binding to the adenosine A2a and A2b receptors with Ki values of 191 nM and 1143 nM, resp. Formulations of these compds. are claimed (no data). Methods for the preparation of I from the acylation of aminopyrroles with acyl chlorides followed by cyclocondensation and deprotection, chlorination, and substitution of the chlorine atom with an amine are claimed.

CC 28-16

ST Miscellaneous Descriptors

pyrrolopyrimidine prepn adenosine receptor inhibitor

RN

67-64-1 (Acetone)  
 78-81-9 (Isobutylamine)  
 78-95-5 (Chloroacetone)  
 103-67-3 (N-Methylbenzylamine)  
 105-56-6 (Ethyl cyanoacetate)  
 108-91-8 (Cyclohexylamine)  
 109-77-3 (Malononitrile)  
 110-89-4 (Piperidine)  
 120-43-4 (Ethyl 1-piperazinecarboxylate)  
 139-02-6 (Sodium phenoxide)  
 140-31-8 (1-(2-Aminoethyl)piperazine)  
 1001-53-2 (N-Acetyl-1,2-ethylenediamine)  
 1670-14-0 (Benzamidine hydrochloride)  
 2516-47-4 (Cyclopropylmethylamine)  
 2615-25-0 (trans-1,4-Cyclohexanediamine)  
 2627-86-3 ((S)-1-Phenylethylamine)  
 2706-56-1 (2-(2-Aminoethyl)pyridine)  
 2975-41-9 (2-Aminoindane)  
 3731-51-9 (2-Pyridinemethanamine)  
 3731-52-0 (3-(Aminomethyl)pyridine)  
 3731-53-1 (4-Pyridinemethanamine)  
 3886-69-9 ((R)-1-Phenylethylamine)  
 4442-59-5 (2-(Aminomethyl)benzodioxane)  
 4530-20-5 (Boc-glycine)  
 4553-27-9 (4-Benzyl-1-(3-aminopropyl)piperazine)  
 5036-48-6 (1-(3-Aminopropyl)imidazole)  
 6281-42-1 (3-(2-Aminoethyl)-2-imidazolidinone)  
 6850-38-0 (2-Aminocyclohexanol)  
 7568-93-6 (2-Amino-1-phenyl-1-ethanol)  
 7617-76-7 (3-Phenoxypropylamine)  
 20173-24-4 (3-(2-Aminoethyl)pyridine)  
 27489-62-9 (trans-4-Amino-1-cyclohexanol)  
 27578-60-5 (1-(2-Aminoethyl)piperidine)  
 56613-81-1 ((S)-1-Amino-2-phenyl-2-ethanol)  
 126456-43-7 ((1S,2R)-1-Amino-2-indanol)  
 251946-42-6; 443118-78-3; 4651-79-0; 52133-68-3; 82703-35-3; 82703-38-6;  
 82703-45-5; 91331-36-1; 177499-64-8; 177499-65-9; 177499-66-0;  
 177906-48-8; 189997-83-9; 251946-68-6; 251946-69-7; 251946-70-0;  
 251946-71-1; 251946-73-3; 251946-74-4; 251946-75-5; 251946-76-6;  
 251946-77-7; 251946-78-8; 251946-79-9; 251946-80-2; 251946-81-3;  
 251946-82-4; 251946-83-5; 251946-85-7; 251946-86-8; 251946-87-9;

RN

251946-88-0; 251946-89-1; 251946-90-4; 251946-91-5; 251946-92-6;  
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=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.26	164.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.65

FILE 'REGISTRY' ENTERED AT 15:10:13 ON 27 JUL 2003  
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Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8  
 DICTIONARY FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L2 3 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L9 1 246855-43-6/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.48	164.86
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.65

FILE 'CAPLUS' ENTERED AT 15:10:18 ON 27 JUL 2003

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FILE COVERS 1907 - 27 Jul 2003 VOL 139 ISS 5

FILE LAST UPDATED: 25 Jul 2003 (20030725/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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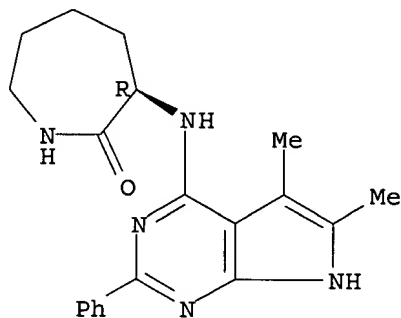
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YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 246855-43-6 REGISTRY  
CN 2H-Azepin-2-one, 3-[(5,6-dimethyl-2-phenyl-1H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]hexahydro-, (3R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C20 H23 N5 O  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1947 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

=> FIL REGISTRY